REPLIDYNE INC
Form 3
June 27, 2006

FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
Â Echols Roger
(Last) (First) (Middle)

1450 INFINITE DRIVE
(Street)

LOUISVILLE,Â COÂ 80027
(City) (State) (Zip)

2. Date of Event Requiring Statement (Month/Day/Year)
06/27/2006

3. Issuer Name **and** Ticker or Trading Symbol
REPLIDYNE INC [RDYN]

4. Relationship of Reporting Person(s) to Issuer
(Check all applicable)
_____ Director
_____ 10% Owner
__X__ Officer (give title below)
_____ Other (specify below)
Chief Medical Officer

5. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1.Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	101,957 (1)	D	Â

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Beneficially Owned (*e.g.*, puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of			

				Shares		(I) (Instr. 5)	
Stock Option (right to buy)	06/27/2006[(1)]	12/02/2014	Common Stock	101,957	$ 0.61	D	Â
Stock Option (right to buy)	06/27/2006[(2)]	01/19/2016	Common Stock	65,252	$ 3.19	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Echols Roger 1450 INFINITE DRIVE LOUISVILLE,Â COÂ 80027	Â	Â	Â Chief Medical Officer	Â

Signatures

/s/ Laura M. Medina, Attorney-in-Fact	06/27/2006
**Signature of Reporting Person	Date

Explanation of Responses:

***** If the form is filed by more than one reporting person, *see* Instruction 5(b)(v).

****** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) 25% of the total 203,914 shares originally subject to the option vest one year from the vesting commencement date with the remaining shares vesting in equal monthly installments over the next 36 months; shares subject to repurchase pursuant to the foregoing vesting schedule.

(2) 12.5% of the shares vest on the one year anniversary of the vesting commencement date; 37.5% of the shares vest in equal monthly installments over 36 months beginning one month following the one year anniversary of the vesting commencement date; and 50% of the shares vest upon the earlier to occur of (A) the fourth anniversary of the vesting commencement date; and (B) following the Company's consummation of its initial public offering, such day on which the closing price, as reported on the Nasdaq National Market quotation system, of the Company's Common Stock equals or exceeds a milestone price as set forth in the option grant.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.
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